

9. (Twice Amended) A method of identifying an agent which inhibits the filamentation MAPK pathway in a fungus, comprising the steps of:
- B1
- a) transforming a suitable host cell capable of expressing a gene when transformed with an expression vector comprising a nucleic acid molecule encoding TOT10/YEL033W under conditions suitable for expression of TOT10/YEL033W;
 - b) contacting said host cell with an agent to be tested; and
 - c) comparing the expression of TOT10/YEL033W in the presence of the agent with the expression of TOT10/YEL033W in the absence of said agent, wherein if the expression of TOT10/YEL033W is lower in the presence of the agent than in the absence of the agent, then the agent is an inhibitor of the filamentation MAPK pathway in a fungus.
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15. (Twice Amended) A method of identifying an agent which modulates PGUI gene expression, comprising the steps of:
- B2
- a) transforming a suitable host cell capable of expressing a gene when transformed with an expression vector comprising a nucleic acid molecule encoding PGUI under conditions suitable for expression of PGUI;
 - b) contacting said host cell with an agent to be tested; and
 - c) comparing the expression of PGUI in the presence of the agent with the expression of PGUI in the absence of said agent, wherein a difference in the expression of PGUI in the presence of the agent as compared with in the absence of the agent indicates that the agent modulates PGUI expression.
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19. (Amended) A method of identifying an agent which modulates expression of a gene which is modulated by a filamentation MAPK pathway in a fungus, comprising the steps of:
- B3
- a) transforming a suitable host cell capable of expressing a gene when transformed with an expression vector comprising a nucleic acid molecule encoding a gene

- Please charge Deposit Account No. 08-0380 for the following fees:

<input type="checkbox"/>	Petition for [] month Extension of Time	\$	_____
<input type="checkbox"/>	Amendment Fee	\$	_____
<input type="checkbox"/>	Other Fees:		
	_____	\$	_____
	_____	\$	_____
	TOTAL:	\$	<u>0</u>

A check is enclosed in payment of the following fees:

<input checked="" type="checkbox"/>	Petition for three-month Extension of Time	\$	<u>890</u>
<input type="checkbox"/>	Amendment Fee	\$	_____
<input checked="" type="checkbox"/>	Other Fees:		
	Information Disclosure Statement	\$	<u>180</u>
	_____	\$	_____
	TOTAL:	\$	<u>1070</u>

- ☒ A general authorization is hereby granted to charge Deposit Account No. 08-0380 for any fees required under 37 C.F.R. 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Lisa M. Treannie
Lisa M. Treannie
Registration No.: 41,368
Telephone: (781) 861-6240
Facsimile: (781) 861-9540

Lexington, Massachusetts 02421-4799

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